Rural Sociology

Contents Volume 40 1975

RURAL SOCIOLOGY

VOLUME 40 1975 NUMBERS 1-4 Robert C. Bealer, Editor _____ The Pennsylvania State University UNIVERSITY PARK Carol Kersavage, Assistant Editor Marilyn Dolbeare, Editorial Aide Associate Editors: Charles Crawford, Daryl Heasley, Samuel Leadley, Shannon Stokes, Joan Thomson, Rex Warland, Fern Willits, Kenneth Wilkinson PUBLICATIONS COMMITTEE John V. D. Saunders, Chairman Mississippi State University MISSISSIPPI STATE Calvin Beale Economic Research Service, USDA WASHINGTON, D. C. Denton Morrison Michigan State University EAST LANSING Robert C. Bealer, ex officio DEPARTMENTAL EDITORS Book Reviews: J. C. van Es University of Illinois

Official Journal of

Bulletin Index: John R. Christiansen Brigham Young University

PROVO, UTAH

THE RURAL SOCIOLOGICAL SOCIETY

OFFICERS FOR 1974-75

President, Harold R. Capener Cornell University
ITHACA, NEW YORK
President-Elect, Frederick C. Fliegel University of Illinois
URBANA
Vice-President, Sheldon Lowry Michigan State University
EAST LANSING
Secretary-Treasurer, John E. Dunkelberger Auburn University
AUBURN. ALABAMA

Copyright, @ 1975, by the Rural Sociological Society

RURAL SOCIOLOGY

Contents of Volume 40

ARTICLES

BAHR, HOWARD M., LAWRENCE CLINTON, AND BRUCE A. CHAD- WICK. Urban Relocation Reconsidered: Antecedents of Em- ployment Among Indian Males	11
Bealer, Robert C. Theory and Rural Sociology	45
BELCHER, JOHN C., AND KELLY W. CRADER. Fatalism and Fertility in Puerto Rico	26
BLUHM, LOUIS H. Relative Deprivation and Level of Living Among Brazilian Farmers	23
Brown, E. Leonard, and D. Neil Snarr. Dissertations Concerning Social Change and Development in Central America and Panama (1960–1974): An Annotated Bibliography	28
BUTTEL, FREDERICK H. AND WILLIAM L. FLINN. Sources and Consequences of Agrarian Values in American Society	134
CAPENER, HAROLD R. On a Discipline in Search of Application	398
CHADWICK, BRUCE A., HOWARD M. BAHR, AND LAWRENCE CLINTON. Urban Relocation Reconsidered: Antecedents of Employment Among Indian Males	11
CLINTON, LAWRENCE, BRUCE A. CHADWICK, AND HOWARD M. BAHR. Urban Relocation Reconsidered: Antecedents of Employment Among Indian Males	117
CRADER, KELLY W., AND JOHN C. BELCHER. Fatalism and Fertility in Puerto Rico	268
DUNLAP, RILEY E., AND ROBERT B. HEFFERNAN. Outdoor Recreation and Environmental Concern: An Empirical Examination	18
Evers, Frederick T., Richard D. Warren, and David L. Rogers. Social System Goals in Cooperatives	31
FLINN, WILLIAM L., AND FREDERICK H. BUTTEL. Sources and Consequences of Agrarian Values in American Society	134
HAGAN, ROBERT A., AND MICHAEL F. NOLAN, WITH MARY S. HOEKSTRA. Rural Sociological Research, 1966-1974: Implications for Social Policy	435

HEFFERNAN, ROBERT B., AND RILEY E. DUNLAP. Outdoor Recreation and Environmental Concern: An Empirical Examination
HOEKSTRA, MARY S. (ASSISTING), MICHAEL F. NOLAN, AND ROBER A. HAGAN. Rural Sociological Research, 1966–1974: Implications for Social Policy
HSU, MICHAEL, AND CURT METTLIN. Alternative Concepts for the Study of the Significance of Influentials
KNOKE, DAVID, AND DAVID E. LONG. The Economic Sensitivity of the American Farm Vote
LONG, DAVID E., AND DAVID KNOKE. The Economic Sensitivity o the American Farm Vote
METTLIN, CURT, AND MICHAEL HSU. Alternative Concepts for the Study of the Significance of Influentials
MILLER, MICHAEL K., AND C. SHANNON STOKES. A Methodological Review of Research in Rural Sociology Since 1965
NOLAN, MICHAEL N., AND ROBERT A. HAGAN, WITH MARY S HOEKSTRA. Rural Sociological Research, 1966-1974: Implica- tions for Social Policy
Otto, Luther B. Extracurricular Activities in the Educational Attainment Process
ROGERS, DAVID L., FREDERICK T. EVERS, AND RICHARD D. WARREN. Social System Goals in Cooperatives
SNARR, D. NEIL, AND E. LEONARD BROWN. Dissertations Concerning Social Change and Development in Central America and Panama (1960–1974): An Annotated Bibliography
STOKES, C. SHANNON, AND MICHAEL K. MILLER. A Methodological Review of Research in Rural Sociology Since 1965
TAHERI, BEVERLY JACKSON, AND FERN KALEY WILLITS. Rurality and the Normative Order in a Developing Country
WARREN, RICHARD D., DAVID L. ROGERS, AND FREDERICK T. EVERS. Social System Goals in Cooperatives
WILLITS, FERN KALEY, AND BEVERLY JACKSON TAHERI. Rurality and the Normative Order in a Developing Country
BRIEF ARTICLES
CLEMENTE, FRANK, GENE F. SUMMERS, AND DEAN G. ROJEK. Community Satisfaction: A Study of Contentment With Local

COCHRANE, CARL M., CLARK E. VINCENT, ROBERT MICHIELUTTE, AND C. ALLEN HANEY. Residence and Fertility in Costa Rica			
FULTON, PHILIP N. Setting of Social Contact and Status Advancement Through Marriage: A Study of Rural Women			
HANEY, C. ALLEN, CARL M. COCHRANE, CLARK E. VINCENT, AND ROBERT MICHIELUTTE. Residence and Fertility in Costa Rica			
HUMPHREY, CRAIG R., AND RALPH R. SELL. The Impact of Controlled Access Highways on Population Growth in Pennsylvania Nonmetropolitan Communities, 1940–1970			
Hynson, Lawrence M. Jr. Rural-Urban Differences in Satisfac- tion Among the Elderly			
MICHIELUTTE, ROBERT, C. ALLEN HANEY, CARL M. COCHRANE, AND CLARK E. VINCENT. Residence and Fertility in Costa Rica			
PATTON, CARL V. Age Groupings and Travel in a Rural Area			
ROJEK, DEAN G., FRANK CLEMENTE, AND GENE F. SUMMERS. Community Satisfaction: A Study of Contentment With Local Services			
SELL, RALPH R., AND CRAIG R. HUMPHREY. The Impact of Controlled Access Highways on Population Growth in Pennsylvania Nonmetropolitan Communities, 1940–1970			
SUMMERS, GENE F., DEAN G. ROJEK, AND FRANK CLEMENTE. Community Satisfaction: A Study of Contentment With Local Services			
VINCENT, CLARK E., ROBERT MICHIELUTTE, C. ALLEN HANEY, AND CARL M. COCHRANE. Residence and Fertility in Costa Rica 3.			
COMMENTARY			
CLARK, ROGER N., GEORGE H. STANKEY, AND JOHN C. HENDEE. Applied Social Research Can Improve Public Participation in Resource Decision Making			
GALJART, BENNO F. A Model of Local Systems for Understanding Rural Development Processes in the Third World			
HAMMILL, ANNE E. A Rounding of Perspective on the Rural Development Act of 1972			

Hendee, John C., Roger N. Clark, and George H. Stankey. Applied Social Research Can Improve Public Participation in Resource Decision Making	
HILLERY, GEORGE A. Jr. To the Editor	
MARTIN, PHILIP L. Noneconomic Determinants of Nonmigration: A Comment	9
MILLER, MICHAEL K., AND C. SHANNON STOKES. Path Analysis in Sociological Research	1
Murdock, Steve H., and Willis A. Sutton Jr. A Reply to George Hillery	9
SLESINGER, DORIS P. To the Editor	
STANFIELD, GARY G. A Recritique and Reanalysis of the Rural Development Act of 1972	
STANKEY, GEORGE H., JOHN C. HENDEE, AND ROGER N. CLARK. Applied Social Research Can Improve Public Participation in Resource Decision Making	
STOKES, C. SHANNON, AND MICHAEL K. MILLER. Path Analysis in Sociological Research	1
SUTTON, WILLIS A. JR., AND STEVE H. MURDOCK. A Reply to George Hillery	3
BOOK REVIEWS	
Edited by John C. van Es	
Andrews, Burdge, Capener, Warner, and Wilkinson. The Social Well-Being and Quality of Life Dimensions of Water Resources Planning and Development Jan L. Flora	
BALDOCK AND LALLY. Sociology in Australia and New Zealand W. Roy Cook	1
BARKER AND SCHOGGEN. Qualities of Community Life Eugene A. Wilkening	
BARNES (ed.). The People's Land: A Reader on Land Reform in the United States Cary Fowler	4
BERDIE AND ANDERSON. Questionnaires: Design and Use Louis H. Bluhm	4
BÉTEILLE, Studies in Agrarian Social Structure Joseph E. Kivlin	5
BREEDEN (ed.). Life in Rural America Donald M. Crider	
BRUBAKER. In Command of Tomorrow William R. Burch Jr.	1
BRUHNS, CAZZOLA, AND WIATR (eds.). Local Politics, Development and Participation: A Cross-National Study	
of Interrelationships Donald E. Voth	- 9

CHITAMBAR. Introductory Rural Sociology	Robert H. Orr	481
COOMBS AND AHMED. Attacking Rural Poverty: How Non- Education Can Help		206
CRIST AND NISSLY. East From the Andes	David G. Cartano	89
CULL AND HARDY. Volunteerism: An Emerging Profession	Glenn C. McCann	90
DE KADT AND WILLIAMS (eds.). Sociology and Development	Ted L. Napier	482
DWYER (ed.). The City in the Third World	Fuad Baali	484
FALLERS. The Social Anthropology of the Nation State	_ H. Kent Geiger	362
FERRAZ DE SÁ. Dos Velhos aos Novos Coronéis: um estudo redefinições do coronelismo		363
FIELD, BARRON, AND LONG (eds.). Water and Community in Social and Economic Perspectives M	Development: arvin Glenn Weber	485
GASSON. Mobility of Farm Workers	Vernon D. Ryan	365
GILBERT. Latin American Development: A Geographical Perspective	. Ralph M. Brooks	486
GRIGG. The Agricultural Systems of the World: An Evol	lutionary Paul E. Zopf Jr.	366
HANSEN. Location Preferences, Migration, and Regional C A Study of the South and Southwest United States		92
HARIK. The Political Mobilization of Peasants: A Study an Egyptian Community Li	of nwood L. Hodgdon	367
HEWES. The Suitcase Farming Frontier: A Study in the H Geography of the Central Great Plains		93
HEYDEBRAND (ed.). Comparative Organizations: The Resultenpirical Research	ts of W. Keith Warner	95
HOSTETLER. Hutterite Society	Victor Stoltzfus	369
INKELES AND SMITH. Becoming Modern: Individual Change Six Developing Countries	ge in José A. Cobas	370
JAMES. Man and Water: The Social Sciences in Management of Water Resources		373
KEPPEL. Design and Analysis: A Researcher's Handbook	Joseph E. DiSanto	373
LA BELLE. Education and Development: Latin America an Caribbean R:	nd the ae Lesser Blumberg	96
Lassey (ed.). Human Resource Planning: Proceedings of Seminar Jiri Kolaja and	a	
LEVINE. Greater Ethiopia: The Evolution of a Multischn. Society	ic . Mostafa H. Nagi	207

MARANELL (ed.). Scaling: A Sourcebook for Behavioral Scientists William P. Kuvlesky	375
MICHAEL. On Learning to Plan-and Planning to Learn Gary W. King	98
MORGAN. And the Land Provides: Alaskan Natives in a Year of Transition Dean R. Yoesting	209
NASH. The University and the City: Eight Cases of	910
NELSON. The Development of Tropical Lands: Policy Issues in Latin America Mary Alice Ericson	211
OWENS AND SHAW. Development Reconsidered: Bridging the Gap Between Government and the People E. Walter Coward Jr.	
PAL AND POLSON. Rural People's Responses to Change: Dumaguete Trade Area, Philippines	213
POGGIE AND LYNCH (eds.). Rethinking Modernization: Anthropological Perspectives Jay Weinstein	377
RICE. Extension in the Andes Robert L. McNamara	380
ROBERTS AND KLOSS. Social Movements: Between the Balcony and the Barricade David L. Westby	100
ROMAN AND TRICE. Sociological Perspectives on Community Mental Health Martha O. Loustaunau	214
SAMOVAR AND PORTER (eds.). Intercultural Communication: A Reader Luis A. Jimenez	101
Seibel and Massing. Traditional Organizations and Economic Development: Studies of Indigenous Cooperatives in Liberia Gerald O. Windham	103
SHAH AND SHAH. Resurvey of Matar Taluka Ted L. Napier	
SHILS. Center and Periphery: Essays in Macrosociology Robert C. Bealer	
SHOSTAK (ed.). Putting Sociology to Work Donald M. Crider	104
SLOCUM. Occupational Careers (2nd ed.) Carol L. Kronus	217
SMITH (ed.). Social Organization and the Applications of Anthropology: Essays in Honor of Lauriston Sharp Robert W. Werge	
STODGILL. Handbook of Leadership: A Survey of Theory and Research	105
STRAUSS AND STOWE. How to Get Things Changed Harvey J. Schweitzer	217
STRICKON AND GREENFIELD (eds.) Structure and Process in Latin America	219
SUDMAN AND BRADBURN. Response Effects in Surveys Thomas A. Heberlein	
WARREN, ROSE, AND BERGUNDER. The Structure of Urban Reform: Community Decision Organizations in Stability and Change Bill Devall	990
Change Bill Devall	440

ix

BOOK REVIEWERS

Albrecht, Stan L., 384 Baali, Fuad, 484 Bealer, Robert C., 381 Beers, Howard W., 93 Bluhm, Louis H., 479 Blumberg, Rae Lesser, 96 Brooks, Ralph M., 486 Burch, William R. Jr., 480 Campbell, Rex R., 92 Cartano, David G., 89 Christiansen, John R., 383 Cobas, José A., 370 Cook, W. Roy, 361 Coward, E. Walter Jr., 488 Crider, Donald M., 88, 104 Devall, Bill, 220 DiSanto, Joseph E., 373 Ericson, Mary Alice, 211 Fallon, Edward B., 222 Fandino, Mario, 107 Field, Donald R., 373 Flinn, William L., 107 Flora, Jan L., 202 Fowler, Cary 478 Freeman, Walter E., 105 Geiger, H. Kent, 362 Gutierrez, Jaime, 206 Hansen, David O., 363 Heberlein, Thomas A., 491 Hodgdon, Linwood L., 367

Jimenez, Luis A., 101 King, Gary W., 98 Kivlin, Joseph E., 204 Kolaja, Jiri, 487 Kronus, Carol L., 217 Kuvlesky, William P., 375 Loustaunau, Martha O., 214 McCann, Glenn C., 90 McNamara, Robert L., 380 Nagi, Mostafa H., 207 Napier, Ted L., 216, 482 Orr, Robert H., 481 Parco, Salvador A., 213 Quesada, Gustavo M., 219 Ryan, Vernon D., 365 Schweitzer, Harvey J., 217 Sizer, Leonard M., 487 Stoltzfus, Victor, 369 Voland, Maurice E., 210 Voth, Donald E., 205 Warner, W. Keith, 95 Weber, Marvin Glenn, 485 Weinstein, Jay, 377 Werge, Robert W., 490 Westby, David L., 100 Wilkening, Eugene A., 87 Windham, Gerald O., 103 Yoesting, Dean R., 209 Zopf, Paul E. Jr., 366

BULLETIN INDEX 1975

Edited by John R. Christiansen

Entries 1 through 45	Spring 1975 (pp. 109-113)			
Entries 46 through 110	Summer 1975 (pp. 225-230)			
	Fall 1975 (pp. 387-391)			
Entries 159 through 227	Winter 1975 (pp. 494–500)			
List of authors, editors, compilers, or issuing agencies by entry numbe				
Alleger, E. Daniel 65	Canadian Society for Rural Extension			
Altobellis, A. T. 214	78			
American Country Life Association, Inc. 203	Cerva, Tom 157 Charlton, J. L. 23			
Anderson, James R. 103	Cheatham, Paula 192			
Anderson, Robert C. 219	Cheek, Neil H. Jr. 26			
Andrews, Wade H. 180	Childs, Dan 33			
Arthur, Gerry M. 222	Ching, C. T. K. 66, 67			
Baird, Andrew W. 32	Christensen, R. L. 67			
Bale, Richard L. 157	Clifford, Roy A. 72, 73, 74, 75, 79			
Ballard, Dennis D. 189, 190	Clifford, William B. 2, 25, 113, 114			
Banks, Vera J. 46	Coleman, A. Lee 48, 112			
Barkley, Paul W. 143	Colgate Darden Graduate School of			
Barry, Peter J. 127	Business Administration 47			
Bauder, Ward W. 36	Connor, Desmond M. 204			
Beale, Calvin L. 159	Cordes, Sam M. 105, 143, 217			
Beegle, J. Allan 38	Cosby, Arthur G. 85			
Beers, Howard W. 90, 104	Cottell, Philip L. 49			
Belding, Nancye 135	Coughenour, C. Milton 193			
Bell, Sidney C. 194	Courtney, Eleanor L. 43			
Bennett, Claude F. 44	Crawford, Charles O. 105			
Bertrand, Alvin L. 70				
Bird, Ronald 160	David, A. Clarke 2, 113, 114			
Blair, Richard W. 172	Davulis, J. P. 67			
Blake, Brian F. 82, 84, 87, 91, 108, 188,	Dickerson, Ben E. 177 Dietrich, Katheryn 163			
220	Dimit, Robert M. 69			
Bolduc, V. 8, 19	Doeksen, Gerald A. 33			
Bowring, J. R. 50	Donohue, G. A. 195			
Brooks, Ralph M. 81, 82, 83, 84, 87,	Dorrer, J. 50			
91, 108	Dowell, Randall S. 85			
Brown, Barry 205	Downs, Anthony 205			
Brown, David L. 115, 169	Drabick, Lawrence W. 35, 86			
Bryant, Ellen S. 1, 161, 162	Dunkelberger, J. E. 214			
Burdge, Rabel J. 26	Dunn, Helen 144			
Busch, Lawrence 142	Dyer, Del 196, 197, 198, 199			
Butler, Eugene T. 15	Eastman, Clyde 120			
Byerlee, Derek 111	Eatherly, Billy J. 51			
Byrd, Wayne L. 85	Economic Research Service 3, 164			
Byrnes, Kerry J. 221, 227	El Attar, M. E. 165, 166			
Callaghan, John 221, 226, 227	ERIC Clearinghouse on Rural Educa-			
Campiformio, R. 9	tion and Small Schools 129			

Essang, Sunday M. 136 Evans, Sharon 141 Farm Foundation 215 Finley, J. C. 41 Fitch, James B. 167, 181 Fitts, C. 20 Fleischman, William A. 39 Ford, Thomas R. 93, 222 Foreslund, Morris A. 145 Forstall, Richard L. 46 Frese, Wolfgang, 187 Frick, G. E. 66, 67 Fritsch, Conrad F. 98 Fuller, Theodore E. 182 Fulton, Philip N. 28 Gardner, B. Delworth 178 Gardner, George R. 27 Geisler, Charles 224 Gersuny, Carl 13 Godwin, Kenneth 168, 183 Gordon, John R. 82, 84, 87, 91, 108 Goss, Adele H. 71 Graduate School and Department of Sociology-Kentucky 94 Graff, Dale L. 81, 83 Grant, Clayton 121, 150 Green, Bernal L. 200 Greiser, Lee 163 Grinstead, Mary J. 200 Grissom, Curtis L. 122 Groff, W. H. 4, 8, 9 Grossmann, John R. 173 Hadden, K. P. 5, 6, 7, 8, 9, 10 Hady, Thomas F. 40 Hagan, Robert J. 52 Hale, James B. 29 Hamilton, Vance E. 146 Hammer, Eliot R. 184, 201 Hardy, William E. Jr. 122 Harvey, Prentice 142 Hazen, Mary E. 216, 217 Henry, William F. 137, 138, 152 Heumann, Leonard F. 106 Hines, Fred K. 115, 169 Hite, James C. 121, 123, 124, 150, 153 Hodge, David C. 116 Holden, Arnold G. 170 Holt, J. S. 41 Holtrop, Donald G. 206 Hughes, William C. 194 Humphrey, Craig R. 62 Hutchison, Jon 224 Hunter, Saundra M. 221, 227 Irland, Lloyd C. 68

Iwick, Richard E. 189, 190 Jaco, Daniel E. 52, 151, 223 James, Rowena 227 Jimenez, Luis A. 53, 54, 64 Johnson, Deborah 130 Johnson, Helen W. 139 Jones, Frederick O. 187 Jones, Lewis W. 147 Juarez, Leo J. 88 Kampe, Ronald E. 171 Kerri, James N. 42 Kim, Dong I. 48, 112 Kim, Song-Min 221, 227 Klessig, Lowell L. 28, 29, 30 Knapp, John L. 55, 116 Koppel, Bruce 125 Kowalski, Greg 104 Kuehn, John A. 207, 210 Kutner, Nancy G. 218 Kuvlesky, William P. 85 Lambert, Virginia 128 Lanham, Orville E. 31, 37, 69 Lassey, William R. 208 Lau. Sing 188 Leadley, Samuel M. 201 Legaz, Gregor J. 180 LeRay, N. L. 80 Lever, Michael F. 56 Liedholm, Carl 117 Lindsey, Joel L. 70 Liner, Gaines H. 126 Loustaunau, Martha 131 Lowe, R. 20 Ludtke, Richard L. 172 Lynch, Mary M. 106 Mabawonku, Adewale F. 136 Madden, J. Patrick 173 Madsen, Gary E. 180 Manderscheid, Lester V. 158 Martin, Julia H. 60 Mayo, Selz C. 2, 113 McCoy, E. W. 27 McCoy, John L. 45 McElroy, Robert C. 11 McGranahan, David 224 McIntosh, William Alex 226, 227 McLean, Edward 57, 175 McNamara, Robert L. 174 Middleton, Sharon 85 Miles, Guy H. 132, 137, 138, 152, 154, 155 Miller, Martin G. 189, 190 Minkoff, Jon 141 Moser, Collette 130

Mueller, B. Jeanne 191 Mulkey, David 57, 123, 124, 153, 175 Murty, L. 9 Mustian, R. David 114 Nix, Harold L. 192 Northeast Regional Center for Rural Development 185, 209, 225 Nosow, Sigmund 205 Office of Housing & Buildings 95, 107 Ohlendorf, George W. 118 Olien, C. E. 195 Olsen, Duane A. 210 Ontario Agricultural College 211 Overton, James 148 Paterson, Karen W. 70 Phillips, G. Howard 100, 101, 149 Photiadis, John 12 Poggie, John J. Jr. 13 Poorbaugh, R. W. 41 Pugh, Albert R. 100, 701, 149 Raley, Mike 192 Ramsey, Ralph J. 58 Randall, Jeanne 71 Redfern, J. Martin 200 Reid, Joseph M. 154, 155, 156 Reiser, J. C. 4 Reul, Myrtle R. 119 Rickson, R. E. 186, 195 Ridley, Jeanne C. 71 Rieger, Jon H. 38 Riley, Marvin P. 14, 15, 24, 59 Robinson, Jerry W. Jr. 72, 73, 74, 75, 79 Rowe, Gene A. 16, 176 Ryan, V. C. 41, 82, 84, 87, 91, 108 Sajogyo 109 Santopolo, Frank A. 102 Sargent, Charles A. 76 Sauer, Howard 24 Saunders, Walter L. Jr. 212 Scardino, Vince 157 Schefter, John E. 167 Schmidt, F. E. 80 Schweri, William F. 110 Serow, William J. 60 Shapiro, Sydelle S. 157 Shealy, Heyward G. 121 Shepard, Jon M. 151, 223 Shepard, W. Bruce 170, 183

Shu-O-Yang 149 Skambis, C. 19 Skrabanek, R. L. 61, 96, 177 Sibold, Ann G. 40 Sinclair, Bill 158 Singh, Avtar 34 Smith, Leslie W. 16, 176 Sollie, Carlton R. 161, 162, 187 Soobitsky, Joel R. 44 Sotomayor, Frank 133 Southern Community Resource Development Committee 213 Speaker, Robert C. 46 Stam, Jerome M. 43 Steahr, T. E. 17, 18, 19, 20 Steelman, Virginia P. 134, 202 Stepp, James M. 126 Stokes, C. Shannon 62, 173 Stone, Kirk H. 21, 22 Stuckey, W. E. 101 Summers, Gene F. 140, 141 Sutton, James W. 127 Taqieddin, Nureddin A. 178 Technical Committee for Project S-63 Terry, Geraldine B. 23 Thompson, Lorin A. 63 Tichenor, P. J. 195 Tompkins, E. H. 80 Townsend, N. 10 Triplett, Mark B. 81, 83 Turner, Francis C. 182 Tyler, Ralph W. 77 Upham, W. Kennedy 54, 61, 64, 177 Wagner, Robert 24 Wanger, Fred R. 32 Warland, R. H. 41 Warner, Paul D. 58, 97 Westenberger, Jane 71 Whitehead, Yevonne S. 25 Wilber, George L. 52 Wilcox, Leslie D. 221, 226, 227 Wilkening, E. A. 224 Wrighton, Fred M. 51 Yanggen, Douglas A. 30 Yarborough, William J. 124 York, Martha 196, 197, 198, 199 Zimmer, John M. 115, 169 Zopf, Paul E. Jr. 179

Country or state of publication

Missouri 174

Nevada 144

Alabama 27, 122, 194, 214 Arkansas 23 Canada 42, 78, 204, 211 Connecticut 4, 5, 6, 7, 8, 9, 10, 17, 18, 19, 20, 49, 68, 71 District of Columbia 3, 11, 16, 40, 43, 44, 45, 46, 115, 133, 139, 159, 160, 164, 169, 171, 176, 200, 207, 210 Florida 65 Georgia 21, 22, 192 Hawaii 125 Illinois 72, 73, 74, 75, 79, 95, 103, 106, 107 India 34 Indiana 76, 81, 82, 83, 84, 87, 91, 108, 188, 220 Iowa 26, 99, 189, 190, 221, 226, 227 Kentucky 48, 52, 58, 77, 88, 89, 90, 92, 93, 94, 97, 102, 104, 109, 110, 112, 128, 142, 151, 193, 222, 223 Louisiana 70, 118, 134, 202 Massachusetts 157 Michigan 38, 111, 117, 119, 130, 136, 158, 203, 205, 206, 219 Minnesota 39, 132, 135, 137, 138, 152, 154, 155, 156, 186, 195

Mississippi 1, 32, 51, 161, 162, 165, 166,

187

New Hampshire 50, 66, 67 New Mexico 120, 129, 131 New York 36, 185, 191, 209, 225 North Carolina 2, 25, 35, 86, 113, 114, 146, 179 North Dakota 172 Ohio 100, 101, 149 Oklahoma 33, 148 Oregon 167, 168, 170, 181, 183 Pennsylvania 41, 62, 105, 173, 182, 184, 201, 216, 217 Rhode Island 13 South Carolina 57, 121, 123, 124, 126, 150, 153, 175 South Dakota 14, 15, 24, 31, 37, 59, 69 Tennessee 147 Texas 53, 54, 56, 61, 64, 85, 96, 98, 127, 163, 177, 218 Utah 178, 180 Vermont 80 Virginia 47, 55, 60, 63, 116, 196, 197, 198, 199, 212, 213, 215 Washington 143, 208 West Virginia 12 Wisconsin 28, 29, 30, 128, 140, 141, 224 Wyoming 145